

## PCT REQUEST

0386PCT

Original (for SUBMISSION) - printed on 08.07.2004 10:01:25 AM

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared using	<b>PCT-EASY Version 2.92 (updated 01.01.2003)</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>Japan Patent Office (RO/JP)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>0386PCT</b>
<b>I</b>	<b>Title of invention</b>	<b>PHOTOVOLTAIC ELEMENT</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	<b>applicant only</b>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name	<b>TDK CORPORATION</b>
<b>II-5</b>	Address:	<b>13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 Japan</b>
<b>II-6</b>	State of nationality	<b>JP</b>
<b>II-7</b>	State of residence	<b>JP</b>
<b>II-8</b>	Telephone No.	<b>047-378-9093</b>
<b>II-9</b>	Facsimile No.	<b>047-378-9321</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is:	<b>applicant only</b>
<b>III-1-2</b>	Applicant for	<b>all designated States except US</b>
<b>III-1-4</b>	Name	<b>SEMICONDUCTOR ENERGY LABORATORY</b>
<b>III-1-5</b>	Address:	<b>398, Hase Atsugi-shi, Kanagawa 243-0036 Japan</b>
<b>III-1-6</b>	State of nationality	<b>JP</b>
<b>III-1-7</b>	State of residence	<b>JP</b>

## PCT REQUEST

0386PCT

Original (for SUBMISSION) - printed on 08.07.2004 10:01:25 AM

<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	MOROOKA, Hisao
III-2-5	Address:	c/o TDK CORPORATION 13-1, Nihonbashi 1-chome Chuo-ku, Tokyo 103-8272 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	NISHI, Kazuo
III-3-5	Address:	c/o SEMICONDUCTOR ENERGY LABORATORY 398, Hase Atsugi-shi, Kanagawa 243-0036 Japan
III-3-6	State of nationality	JP
III-3-7	State of residence	JP
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	SUGIMURA, Kosaku
IV-1-2	Address:	Kazan Building, 2-4, Kasumigaseki 3-chome Chiyoda-ku, Tokyo 100-0013 Japan
IV-1-3	Telephone No.	03-3581-2241
IV-1-4	Facsimile No.	03-3580-0506
<b>IV-2</b>	<b>Additional agent(s)</b>	
		additional agent(s) with same address as first named agent
IV-2-1	Name(s)	SUGMIURA, Akihide
<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT (except HU SI)
<b>V-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	CN JP US

## PCT REQUEST

0386PCT

Original (for SUBMISSION) - printed on 08.07.2004 10:01:25 AM

<b>V-5</b>	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>	
<b>VI-1</b>	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	<b>10 January 2002 (10.01.2002)</b>	
VI-1-2	Number	<b>2002-3725</b>	
VI-1-3	Country	<b>JP</b>	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>Japan Patent Office (JPO) (ISA/JP)</b>	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>4</b>	-
IX-2	Description	<b>18</b>	-
IX-3	Claims	<b>2</b>	-
IX-4	Abstract	<b>1</b>	-
IX-5	Drawings	<b>8</b>	-
IX-7	<b>TOTAL</b>	<b>33</b>	
	<b>Accompanying items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-EASY diskette	-	<b>Diskette</b>
<b>IX-19</b>	<b>Figure of the drawings which should accompany the abstract</b>		
<b>IX-20</b>	<b>Language of filing of the international application</b>	<b>Japanese</b>	

## PCT REQUEST

0386PCT

Original (for SUBMISSION) - printed on 08.07.2004 10:01:25 AM

X	Signature of applicant, agent or common representative	
X-1	Name (LAST, First)	
X-2	Capacity	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
------	--	--